



# ILLINOIS

STATE REPORT

12.27.2020

Issue 28

## SUMMARY

- Illinois saw a fifth week of gradual improvement in viral transmission, although remaining at high levels of disease transmission, hospitalizations, and deaths. Illinois is in the red zone for cases, indicating 101 or more new cases per 100,000 population, with the 22nd highest rate in the country. Illinois is in the orange zone for test positivity, indicating a rate between 8.0% and 10.0%, with the 32nd highest rate in the country.
- Illinois has seen a decrease in new cases and a decrease in test positivity. Weekly cases were ~½ of the peak numbers from mid-November. Current hospitalizations decreased for a 4th week with an ~1/3 fall from their recent peak. Deaths decreased again but remain high; Illinois reported an average of >135 deaths daily last week.
- Although improving, high viral transmission continues to involve the entire state. The following three counties had the highest number of new cases over the last 3 weeks: 1. Cook County, 2. DuPage County, and 3. Will County. These counties represent 49.2% of new cases in Illinois.
- 90% of all counties in Illinois have moderate or high levels of community transmission (yellow, orange, or red zones), with 54% having high levels of community transmission (red zone).
- During the week of Dec 14 - Dec 20, 37% of nursing homes had at least one new resident COVID-19 case, 53% had at least one new staff COVID-19 case, and 19% had at least one new resident COVID-19 death.
- Illinois had 348 new cases per 100,000 population, compared to a national average of 391 per 100,000.
- Current staff deployed from the federal government as assets to support the state response are: 85 to support operations activities from FEMA; 5 to support operations activities from ASPR; 1 to support epidemiology activities from CDC; and 8 to support operations activities from USCG.
- Between Dec 19 - Dec 25, on average, 456 patients with confirmed COVID-19 and 395 patients with suspected COVID-19 were reported as newly admitted each day to hospitals in Illinois. This is a decrease of 11% in total new COVID-19 hospital admissions.

## RECOMMENDATIONS

### Treatment Alerts:

- **Patients prior to hospitalization:** Preliminary data suggest that early diagnosis and immediate treatment with monoclonal antibodies (mAb) may substantially lower the risk of hospitalization and death. Monoclonal antibody infusion must be immediately made available to those at risk for severe disease; outpatient infusion capacity should be developed in all communities.
- **Patients who require hospitalization:** Remdesivir is best early in admission and the benefit is most evident in those who require supplemental oxygen (but not delivered through high-flow device or mechanical ventilation). Anticoagulation and immune suppressive treatments (like steroids) should be given in accordance with protocols in hospitalized patients.

### Testing Alerts:

- If you are under 40, you need to assume you became infected if you gathered beyond your immediate household. Most likely, you will not have symptoms; however, you are dangerous to others and you must isolate away from anyone at increased risk for severe disease and get tested.
- If you are over 65 or with significant medical conditions and you gathered outside of your immediate household, you are at significant risk for serious COVID infection; if you develop any symptoms, you must get tested immediately as the majority of therapeutics work best early in infection.

### Pandemic Alerts:

- Data are currently unstable, outside of daily hospital admissions, due to inconsistent reporting and incomplete data over the holidays; there will be a reporting "surge" in cases and deaths as reporting catches up.
- While case rate and test positivity are no longer increasing, most states are at a high plateau for cases and test positivity, and the risk for reigniting local epidemics remains high.
- Throughout most of the Upper Midwest, Northern Plains, and Rocky Mountain states, we continue to see improvement, although virus levels are still high and any post-holiday surge will be evident. The East and West Coasts, Sunbelt, Tennessee, and West Virginia were in full winter surge, so it will be difficult to see the surge on top of the current, continued deterioration.
- All public health officials must make it clear that if you are over 65 or with significant health conditions, you should not enter any indoor public spaces where anyone is unmasked due to the immediate risk to your health; you should have groceries and medications delivered.
- No unmasked public gatherings are safe and no indoor private gatherings are safe without all members fully masked, unless all members are actively taking the same precautions and regularly test negative.
- Refer to the time-lapse maps in the back of the packet. All states with continued increases (both coasts and the Sunbelt) must continue with strict public mitigation and continued restrictions on retail spaces, while increasing use of safer outdoor spaces.
- We share the measured optimism of Illinois's leaders on current trends and their appreciation of the population's actions that prevented a post-Thanksgiving surge. We also share their ongoing concern that the forecast for cases and deaths remains dependent on the continued collective effort of Illinois's residents. The messaging that maintaining the difficult but temporary changes in personal behavior that are key to limiting disease and death until we bring the pandemic to an end with immunization must be delivered frequently and by all effective modalities. The Governor's continued personal communication on these measures is commended.
- Careful planning, efficient implementation, and transparent messaging on the state's vaccination campaign is critical to maintain public understanding and maximize public acceptance. Illinois's success in early immunization is commended, as are its webpages with vaccine-related content and messaging; public presentation and regular updating of the number of individuals vaccinated to date on these sites could be a useful addition. Given increased vaccine hesitancy, especially among minority groups, continued active encouragement by the Governor and health officials and additional televised immunizations, especially of public figures will be useful.
- Mitigation measures to limit transmission in personal gatherings need ongoing strengthening, including continuing to ask Illinoisans to limit travel, wear masks, physically distance, and avoid gatherings in both public and private spaces, especially indoors.
- Ensure increased frequency of LTCF testing and rapid implementation of vaccination in LTCFs as vaccine becomes available in the immediate next weeks. Nursing homes must continue weekly testing of staff until all residents and staff are fully vaccinated.
- Ensure all K-12 schools are following CDC guidelines, including masking, and utilizing the BINAX tests to routinely test all teachers as an indicator of the degree of community spread. Ensure all universities returning after winter break move to mandatory weekly testing of all students; begin planning now.
- Specific, detailed guidance on community mitigation measures can be found on the [CDC website](#).

*The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback.*



COVID-19



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	STATE	STATE, % CHANGE FROM PREVIOUS WEEK	FEMA/HHS REGION	UNITED STATES
NEW COVID-19 CASES (RATE PER 100,000)	44,045 (348)	-18%	175,174 (333)	1,283,432 (391)
VIRAL (RT-PCR) LAB TEST POSITIVITY RATE	9.4%	-1.3%*	9.8%	11.3%
TOTAL VIRAL (RT-PCR) LAB TESTS (TESTS PER 100,000)	438,227** (3,458**)	-5%**	1,717,759** (3,269**)	10,285,289** (3,133**)
COVID-19 DEATHS (RATE PER 100,000)	949 (7.5)	-17%	3,226 (6.1)	16,577 (5.1)
SNFs WITH ≥1 NEW RESIDENT COVID-19 CASE	37%	N/A*†	36%	32%
SNFs WITH ≥1 NEW STAFF COVID-19 CASE	53%	N/A*†	54%	51%
SNFs WITH ≥1 NEW RESIDENT COVID-19 DEATH	19%	N/A*†	23%	16%
TOTAL NEW COVID-19 HOSPITAL ADMISSIONS (RATE PER 100 BEDS)	5,957 (20)	-11% (-11%)	23,654 (20)	152,352 (21)
NUMBER OF HOSPITALS WITH SUPPLY SHORTAGES (PERCENT)	32 (17%)	-9% (-22%*)	186 (21%)	1,143 (22%)
NUMBER OF HOSPITALS WITH STAFF SHORTAGES (PERCENT)	37 (20%)	-4% (-10%*)	214 (24%)	1,357 (27%)

\* Indicates absolute change in percentage points.

\*\* Due to delayed reporting, this figure may underestimate total diagnostic tests and week-on-week changes in diagnostic tests.

† Skilled nursing facility data entry is experiencing a data submission lag. Therefore, the most current week's data should not be compared to previous data. 91% of facilities reported during the most current week.

**DATA SOURCES** – Additional data details available under METHODS

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Cases and Deaths:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020; previous week is 12/12 - 12/18.

**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 12/23/2020. Previous week is 12/10 - 12/16.

**SNFs:** Skilled nursing facilities. National Healthcare Safety Network. Data are reported separately for cases among residents and staff. Data is through 12/20/2020, previous week is 12/7-12/13.

**Admissions:** Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the totals. Totals include confirmed and suspected COVID-19 admissions.

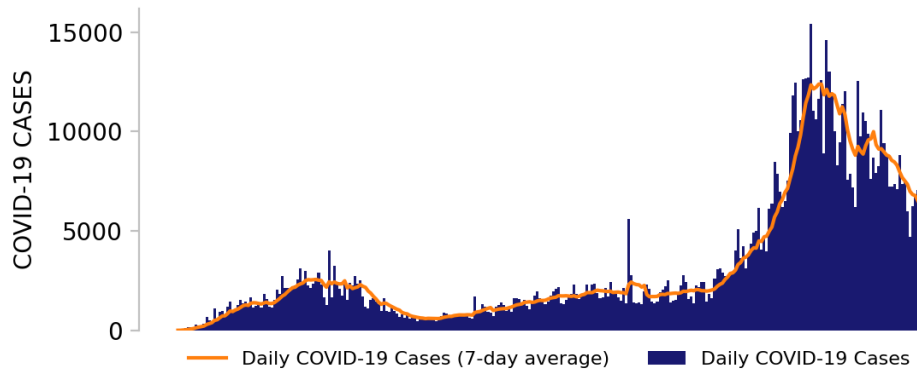
**Shortages:** Unified hospital dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Includes hospitals reporting a staffing shortage currently or projected within one week. Low supply is defined as a hospital reporting 0 or 1-3 days' supply, not able to obtain, or not able to maintain a 3-day supply of N95s, face masks, gloves, gowns, or eye protection. Values presented show the latest reports from hospitals in the week ending 12/25/2020.



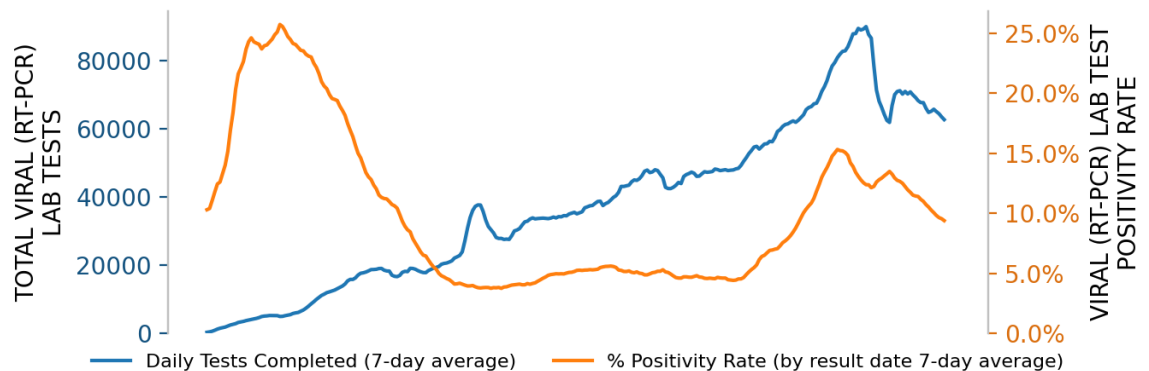
# ILLINOIS

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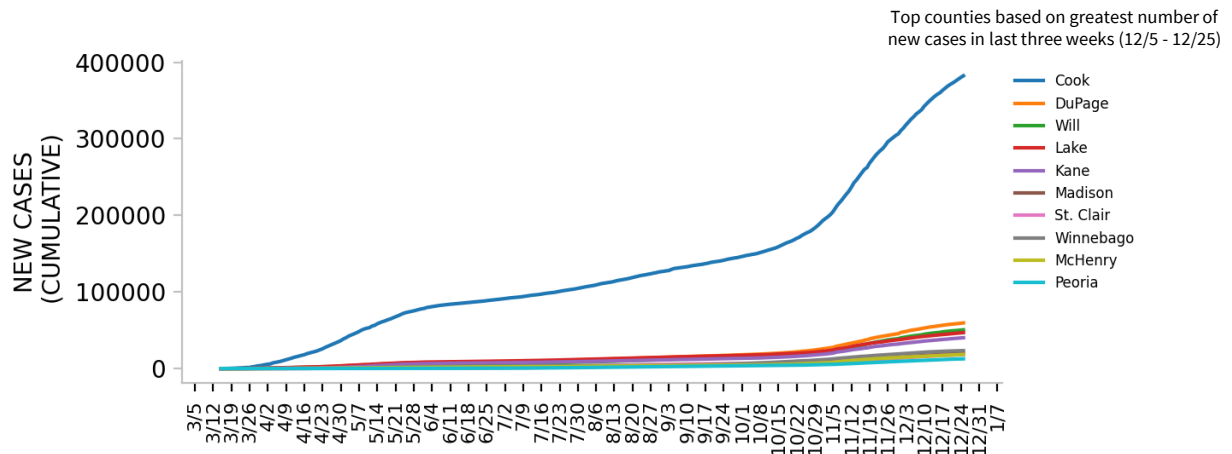
### NEW CASES



### TESTING



### TOP COUNTIES



#### DATA SOURCES – Additional data details available under METHODS

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Cases:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020.

**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 12/23/2020.

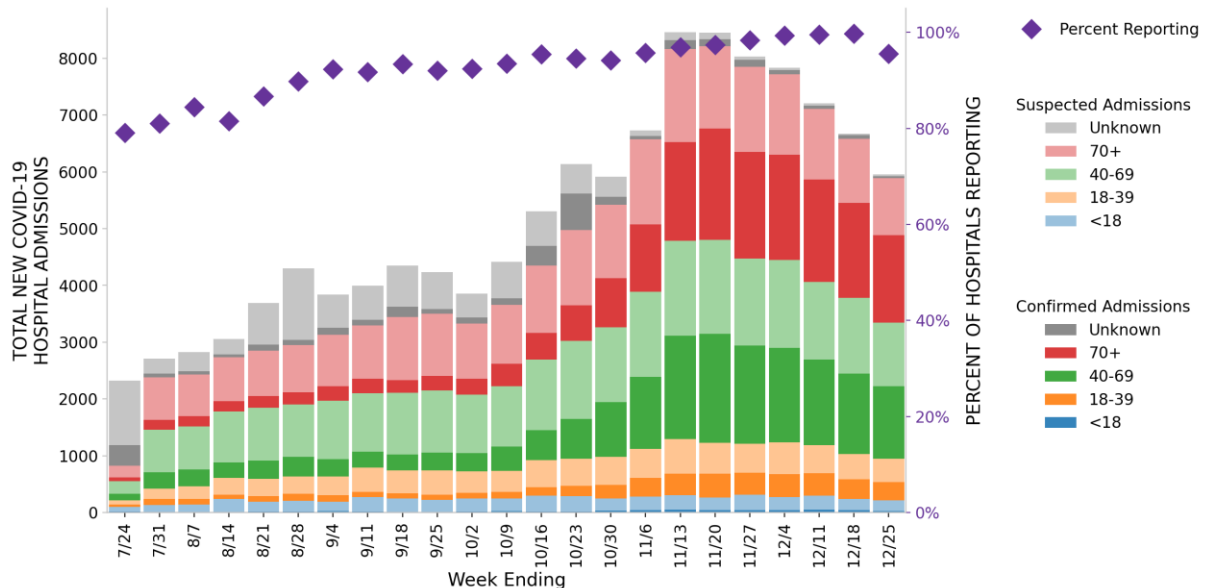


# ILLINOIS

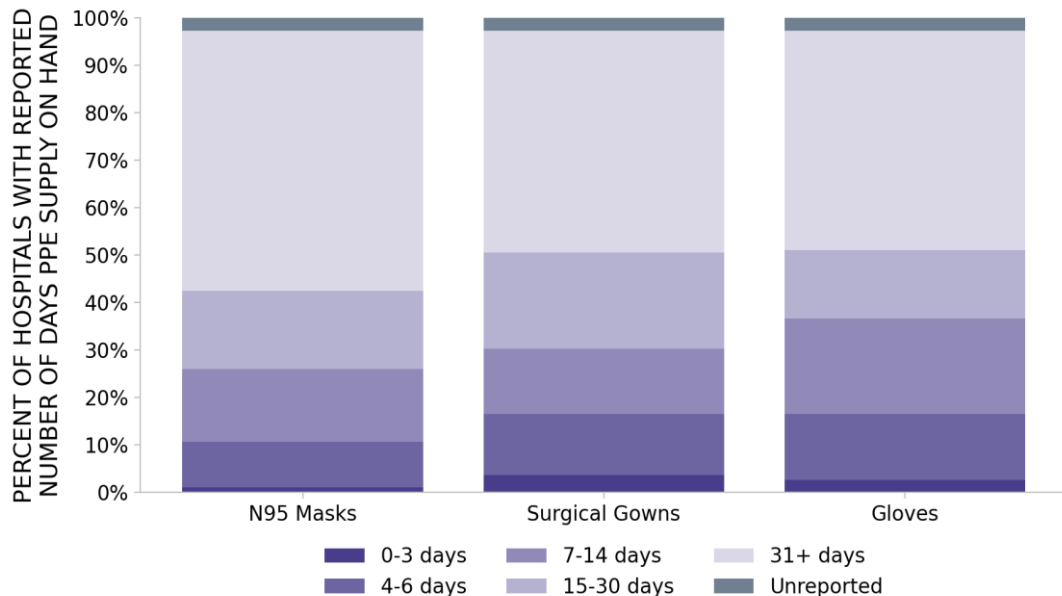
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188 hospitals are expected to report in Illinois

## HOSPITAL ADMISSIONS



## HOSPITAL PPE SUPPLIES

**DATA SOURCES** – Additional data details available under METHODS**Hospitalizations:** Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure.**PPE:** Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Values presented show the latest reports from hospitals in the week ending 12/23/2020.



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## COVID-19 COUNTY AND METRO ALERTS\*

Top 12 shown in table (full lists below)

	METRO AREA (CBSA)	COUNTIES
LOCALITIES IN RED ZONE	<b>14</b> ▼ (-2) Chicago-Naperville-Elgin St. Louis Rockford Davenport-Moline-Rock Island Danville Charleston-Mattoon Galesburg Rochelle Mount Vernon Sterling Macomb Fort Madison-Keokuk	<b>55</b> ▼ (-7) Cook Will Lake Kane Madison St. Clair Winnebago McHenry Tazewell Vermilion Rock Island Kendall
LOCALITIES IN ORANGE ZONE	<b>5</b> ▼ (-4) Peoria Bloomington Carbondale-Marion Effingham Burlington	<b>15</b> ▼ (-5) DuPage Peoria McLean Clinton Effingham Macoupin Jackson Bureau Edgar Iroquois Ford Union
LOCALITIES IN YELLOW ZONE	<b>9</b> ▲ (+5) Springfield Ottawa Kankakee Quincy Decatur Centralia Jacksonville Freeport Dixon	<b>22</b> ▲ (+11) Sangamon LaSalle Kankakee Adams Williamson Macon Marion Woodford Henry Fayette Fulton Morgan
Change from previous week's alerts:      ▲ Increase      ■ Stable      ▼ Decrease		

**All Red CBSAs:** Chicago-Naperville-Elgin, St. Louis, Rockford, Davenport-Moline-Rock Island, Danville, Charleston-Mattoon, Galesburg, Rochelle, Mount Vernon, Sterling, Macomb, Fort Madison-Keokuk, Paducah, Cape Girardeau

**All Red Counties:** Cook, Will, Lake, Kane, Madison, St. Clair, Winnebago, McHenry, Tazewell, Vermilion, Rock Island, Kendall, DeKalb, Franklin, Knox, Ogle, Boone, Jefferson, Perry, Randolph, Monroe, Whiteside, Grundy, Coles, Lawrence, Montgomery, Saline, Jersey, Cass, White, Richland, Washington, Wabash, Douglas, Wayne, McDonough, Clark, Warren, Moultrie, Mercer, Hancock, Cumberland, Clay, De Witt, Massac, Mason, Johnson, Carroll, Hamilton, Edwards, Gallatin, Pulaski, Brown, Henderson, Alexander

**All Orange Counties:** DuPage, Peoria, McLean, Clinton, Effingham, Macoupin, Jackson, Bureau, Edgar, Iroquois, Ford, Union, Bond, Jo Daviess, Pope

**All Yellow Counties:** Sangamon, LaSalle, Kankakee, Adams, Williamson, Macon, Marion, Woodford, Henry, Fayette, Fulton, Morgan, Stephenson, Lee, Shelby, Pike, Greene, Menard, Piatt, Jasper, Marshall, Hardin

\* Localities with fewer than 10 cases last week have been excluded from these alerts.

**Note:** Lists of red, orange, and yellow localities are sorted by the number of new cases in the last 3 weeks, from highest to lowest. Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**DATA SOURCES** – Additional data details available under METHODS

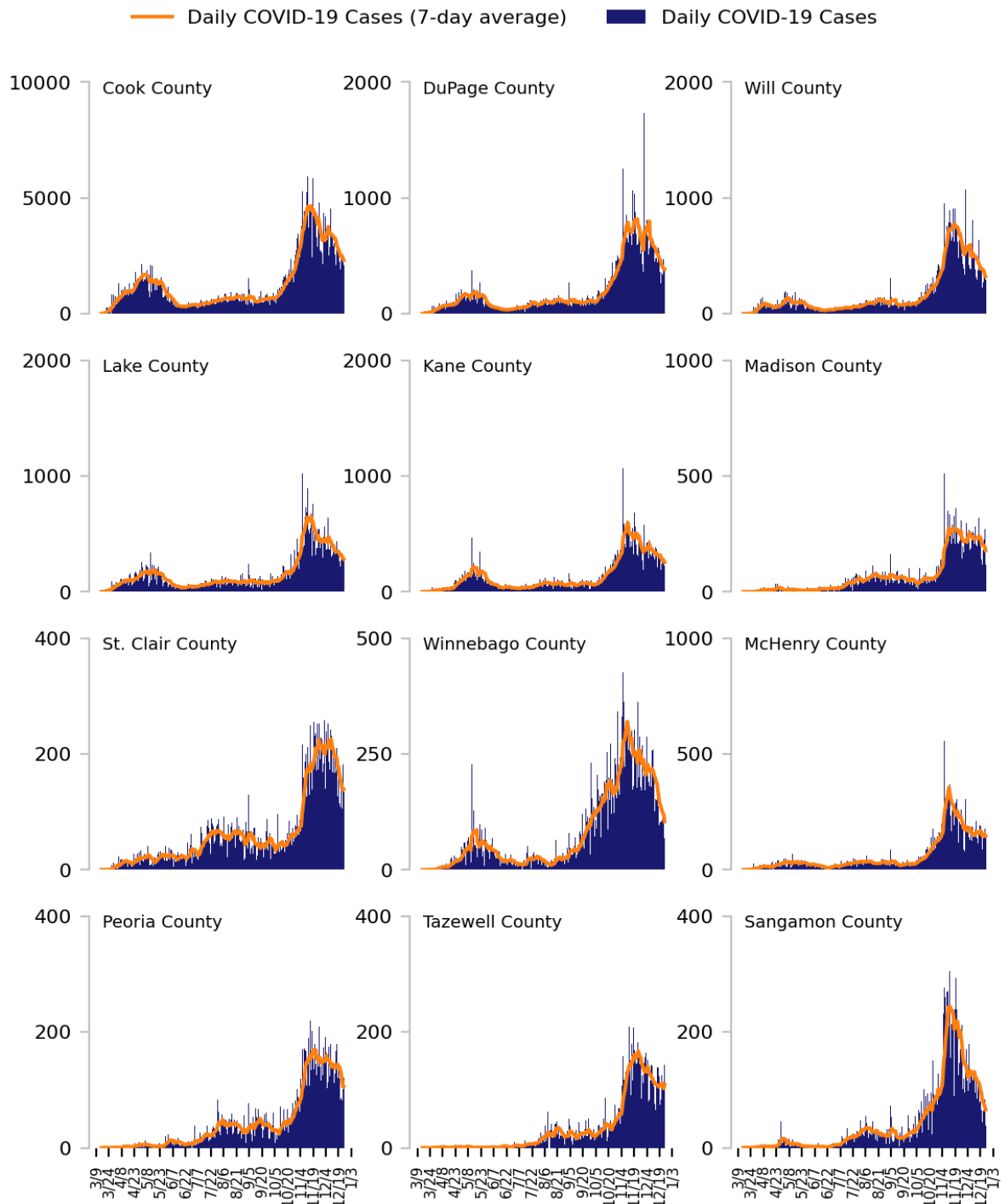
**Cases and Deaths:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020.

**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 12/23/2020.



# Top 12 counties based on number of new cases in the last 3 weeks

TOTAL DAILY CASES



**DATA SOURCES** – Additional data details available under METHODS

**Cases:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020. Last 3 weeks is 12/5 - 12/25.

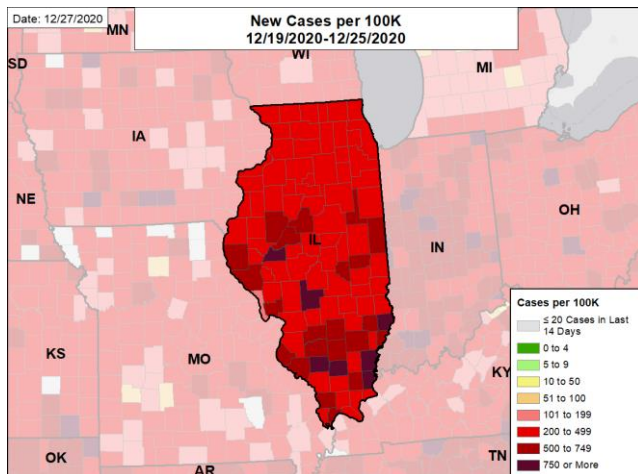
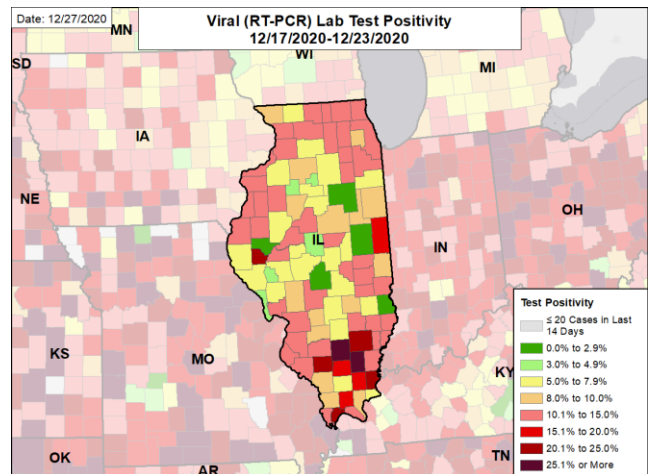
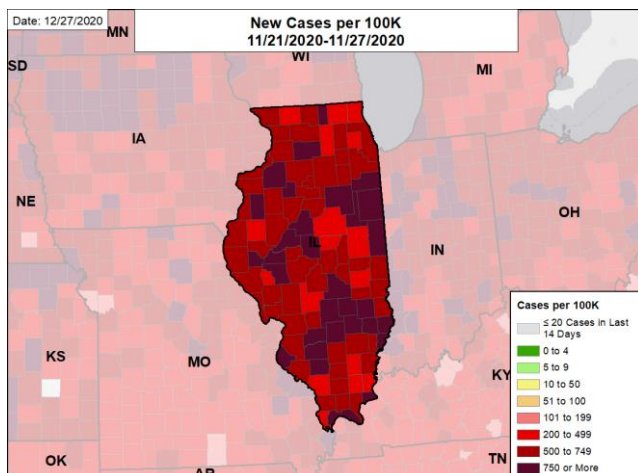
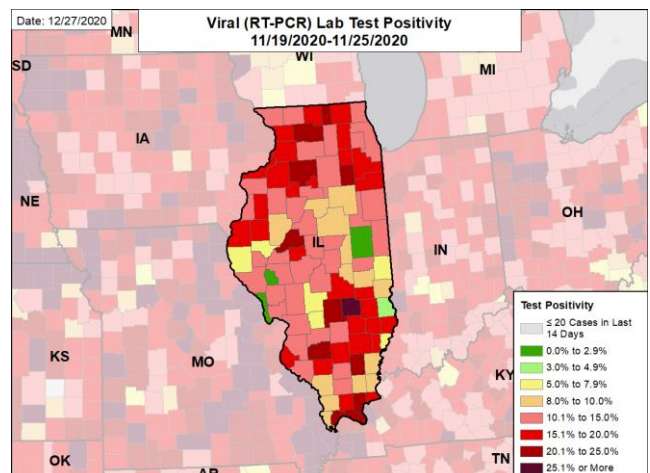




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## CASE RATES AND VIRAL LAB TEST POSITIVITY

**NEW CASES PER 100,000****VIRAL (RT-PCR) LABORATORY TEST POSITIVITY****NEW CASES PER 100,000 ONE MONTH BEFORE****VIRAL (RT-PCR) LABORATORY TEST POSITIVITY ONE MONTH BEFORE**

**DATA SOURCES** – Additional data details available under METHODS

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Cases:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020. The week one month before is 11/21 - 11/27.

**Testing:** CELR (COVID-19 Electronic Lab Reporting) state health department-reported data through 12/23/2020. The week one month before is 11/19 - 11/25.

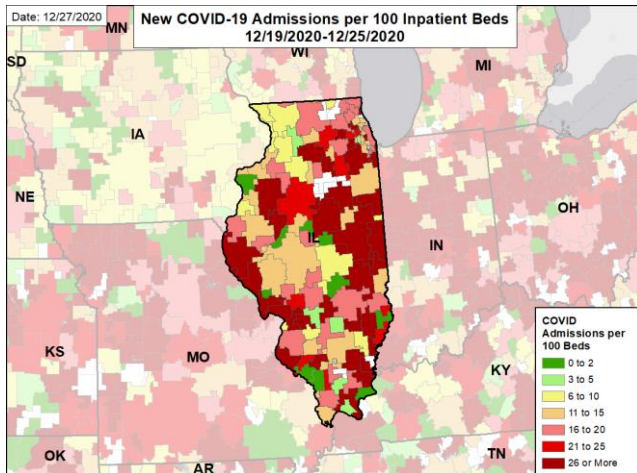


# ILLINOIS

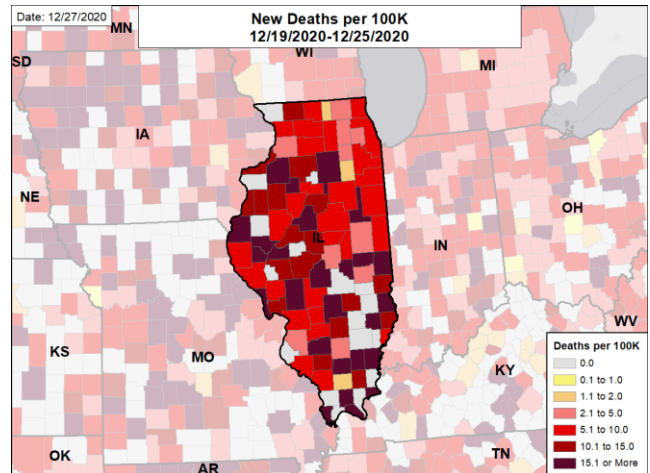
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## HOSPITAL ADMISSIONS AND DEATH RATES

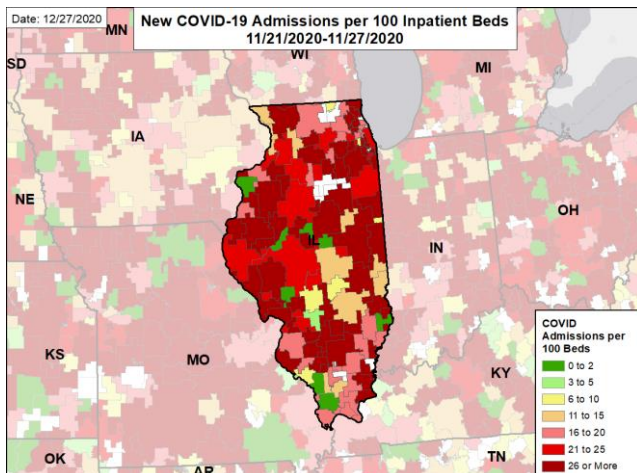
### TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS



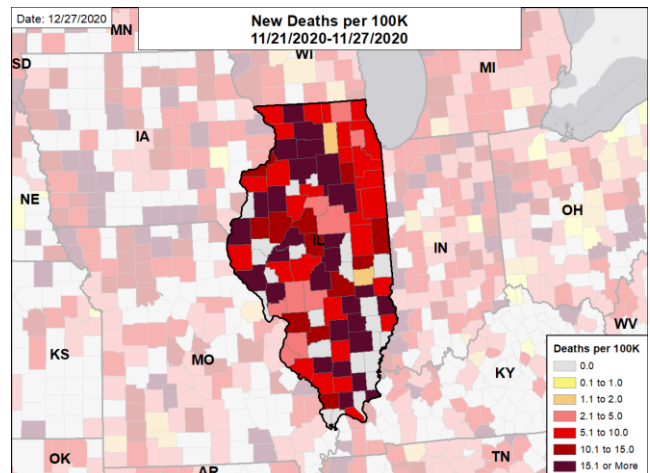
### NEW DEATHS PER 100,000



### TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS ONE MONTH BEFORE



### NEW DEATHS PER 100,000 ONE MONTH BEFORE



#### DATA SOURCES – Additional data details available under METHODS

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Deaths:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020. The week one month before is 11/21 - 11/27.

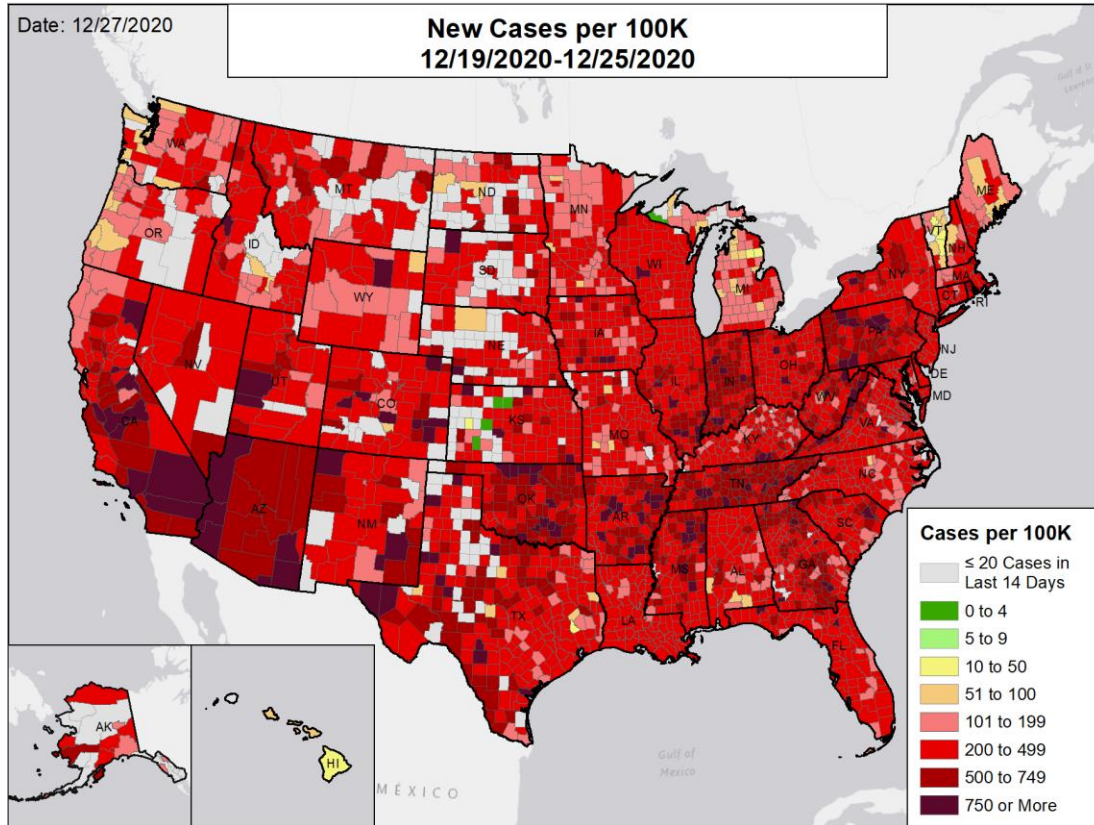
**Hospitalizations:** Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Totals include confirmed and suspected COVID-19 admissions.





# National Picture

NEW CASES PER 100,000



## NATIONAL RANKING OF NEW CASES PER 100,000

National Rank	State
1	CA
2	TN
3	AZ
4	OK
5	AR
6	IN
7	WV
8	NV
9	DE
10	MS
11	GA
12	PA
13	UT
14	NM
15	SC
16	OH
17	RI
18	ID
19	MA
20	NY
21	NJ
22	IL
23	AL
24	VA
25	NE
26	WI
27	TX
28	KS
29	CO
30	SD
31	FL
32	IA
33	LA
34	MO
35	KY
36	NH
37	CT
38	MT
39	MD
40	NC
41	AK
42	WY
43	MN
44	ND
45	ME
46	DC
47	OR
48	WA
49	MI
50	VT
51	HI

### DATA SOURCES

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

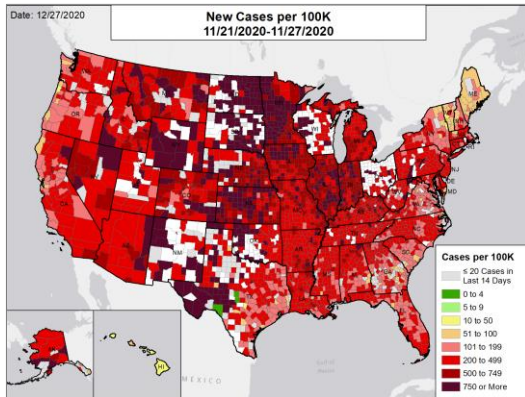
**Cases:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. Data is through 12/25/2020. European community mitigation information sourced from European CDC — Situation Update Worldwide.



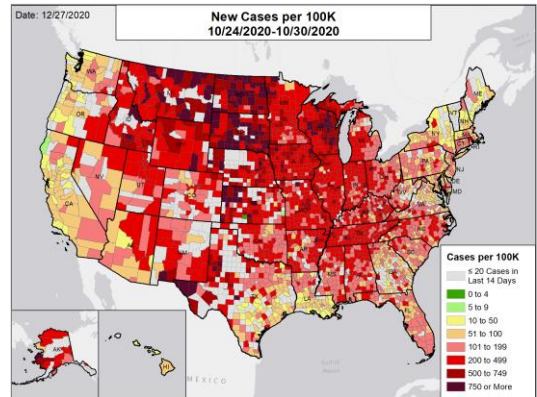
# National Picture

NEW CASES PER 100,000 IN THE WEEK:

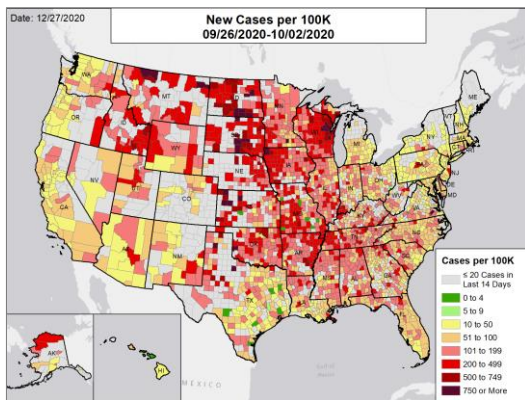
ONE MONTH BEFORE



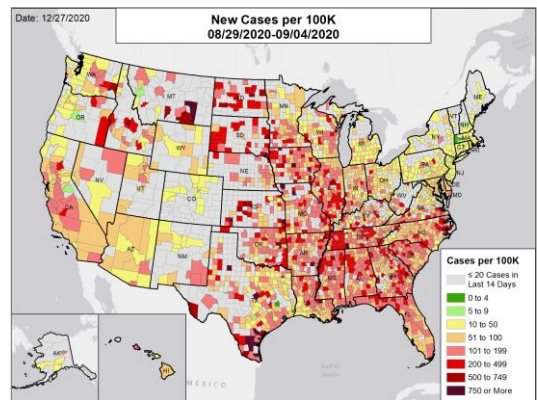
TWO MONTHS BEFORE



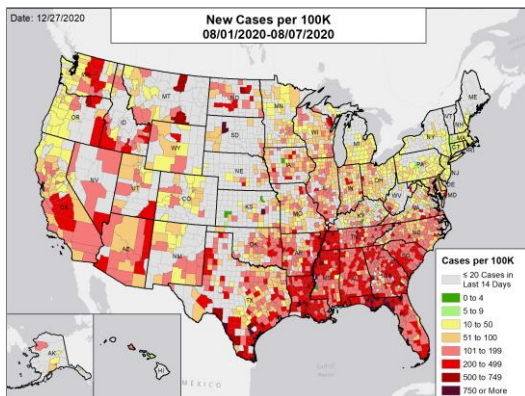
THREE MONTHS BEFORE



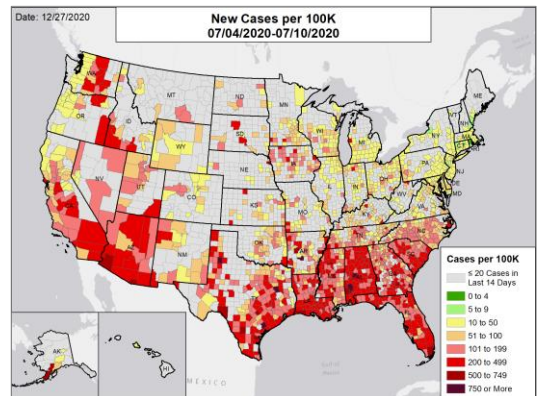
FOUR MONTHS BEFORE



FIVE MONTHS BEFORE



SIX MONTHS BEFORE



## DATA SOURCES

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

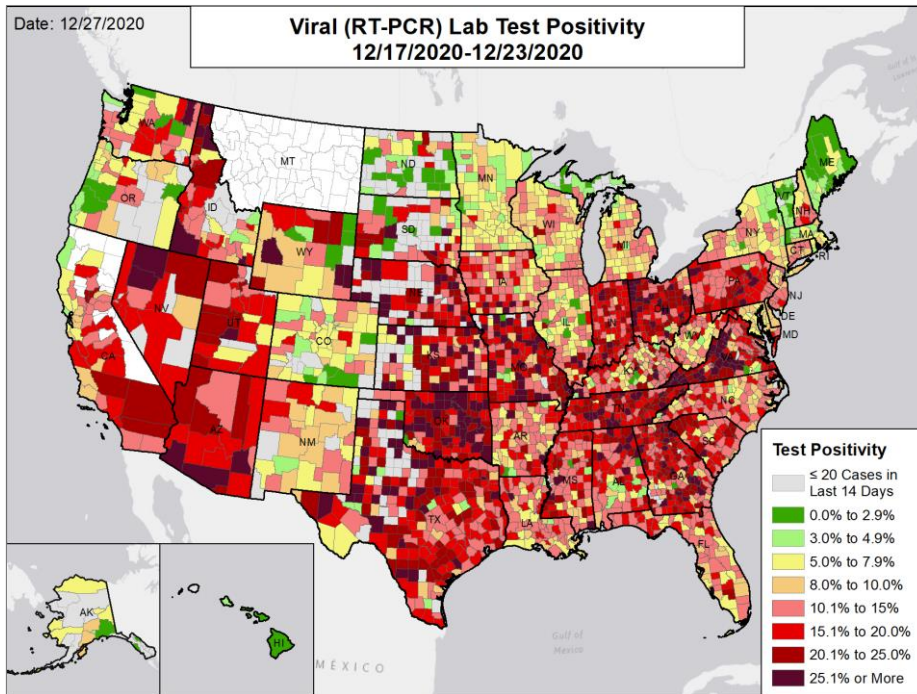
**Cases:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state. The week one month before is 11/21 - 11/27; the week two months before is 10/24 - 10/30; the week three months before is 9/26 - 10/2; the week four months before is 8/29 - 9/4; the week five months before is 8/1 - 8/7; the week six months before is 7/4 - 7/10.





# National Picture

## VIRAL (RT-PCR) LAB TEST POSITIVITY

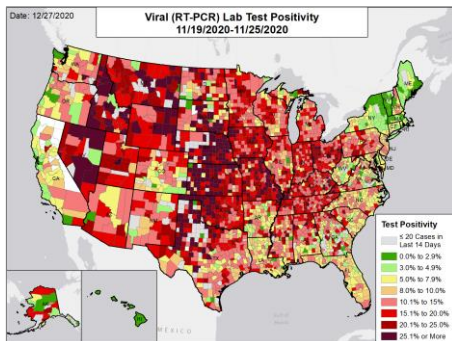


## NATIONAL RANKING OF TEST POSITIVITY

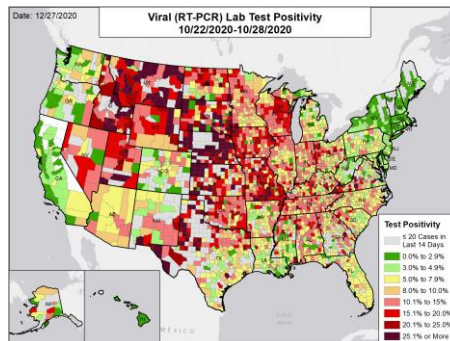
National Rank	State	National Rank	State
1	OK	27	NJ
2	NV	28	LA
3	AZ	29	WV
4	TN	30	FL
5	MO	31	NM
6	VA	32	IL
7	ID	33	DE
8	IN	34	MI
9	NE	35	WI
10	UT	36	WA
11	MS	37	OR
12	AL	38	MD
13	TX	39	NY
14	PA	40	WY
15	CA	41	CO
16	SC	42	RI
17	GA	43	MA
18	KS	44	MN
19	OH	45	AK
20	NH	46	ME
21	KY	47	ND
22	AR	48	DC
23	CT	49	HI
24	IA	50	VT
25	NC	--	MT
26	SD		

## VIRAL (RT-PCR) LAB TEST POSITIVITY IN THE WEEK:

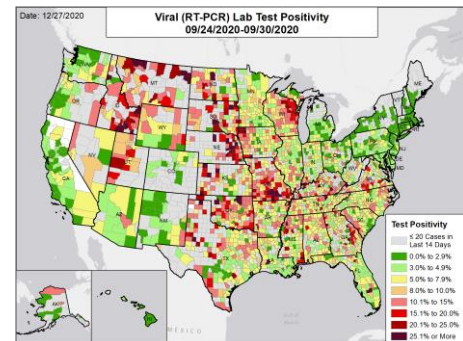
### ONE MONTH BEFORE



### TWO MONTHS BEFORE



### THREE MONTHS BEFORE



## DATA SOURCES

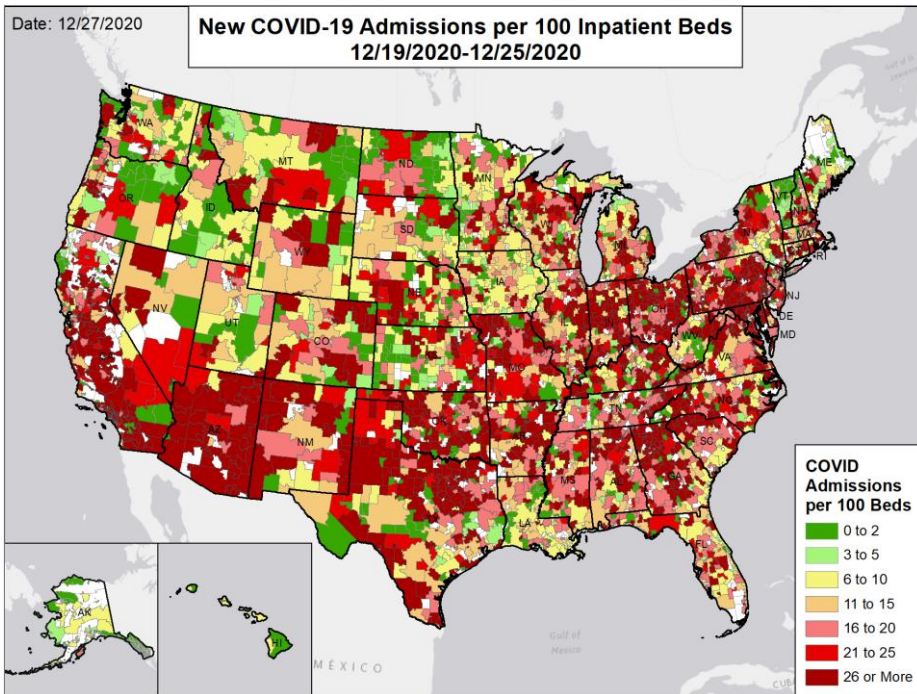
**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Testing:** Combination of CELR (COVID-19 Electronic Lab Reporting) state health department-reported data and HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) through 12/23/2020. The week one month before is 11/19 - 11/25; the week two months before is 10/22 - 10/28; the week three months before is 9/24 - 9/30.



# National Picture

## TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS

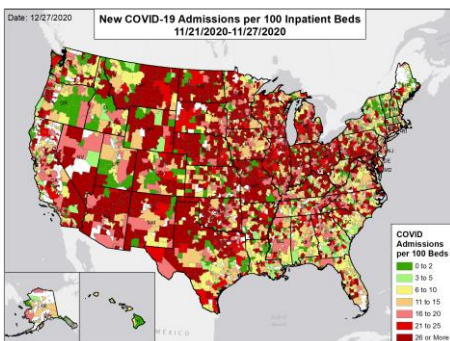


## NATIONAL RANKING OF ADMISSIONS PER 100 BEDS

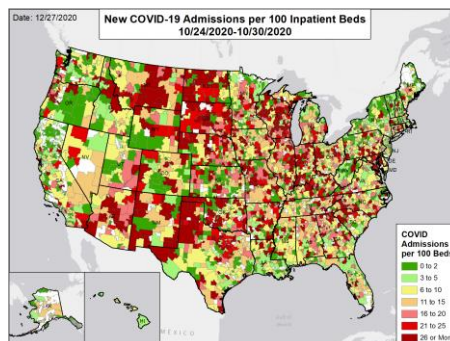
National Rank	State	National Rank	State
1	AZ	27	WV
2	AR	28	MS
3	MD	29	OR
4	OK	30	CO
5	CA	31	CT
6	KY	32	NH
7	GA	33	MI
8	DC	34	FL
9	PA	35	WY
10	NM	36	NY
11	OH	37	MN
12	AL	38	MT
13	IN	39	UT
14	TX	40	NE
15	MO	41	LA
16	NJ	42	ND
17	NV	43	WA
18	SC	44	ME
19	NC	45	ID
20	VA	46	SD
21	IL	47	RI
22	WI	48	IA
23	TN	49	VT
24	DE	50	HI
25	KS	51	AK
26	MA		

## TOTAL NEW COVID-19 ADMISSIONS PER 100 INPATIENT BEDS IN THE WEEK:

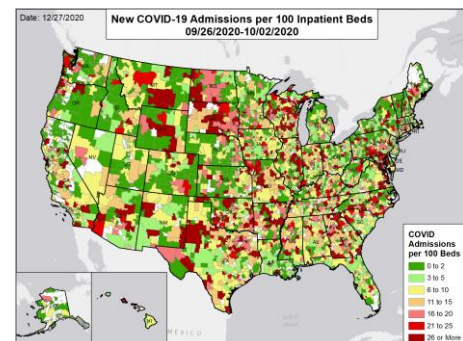
### ONE MONTH BEFORE



### TWO MONTHS BEFORE



### THREE MONTHS BEFORE



## DATA SOURCES

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

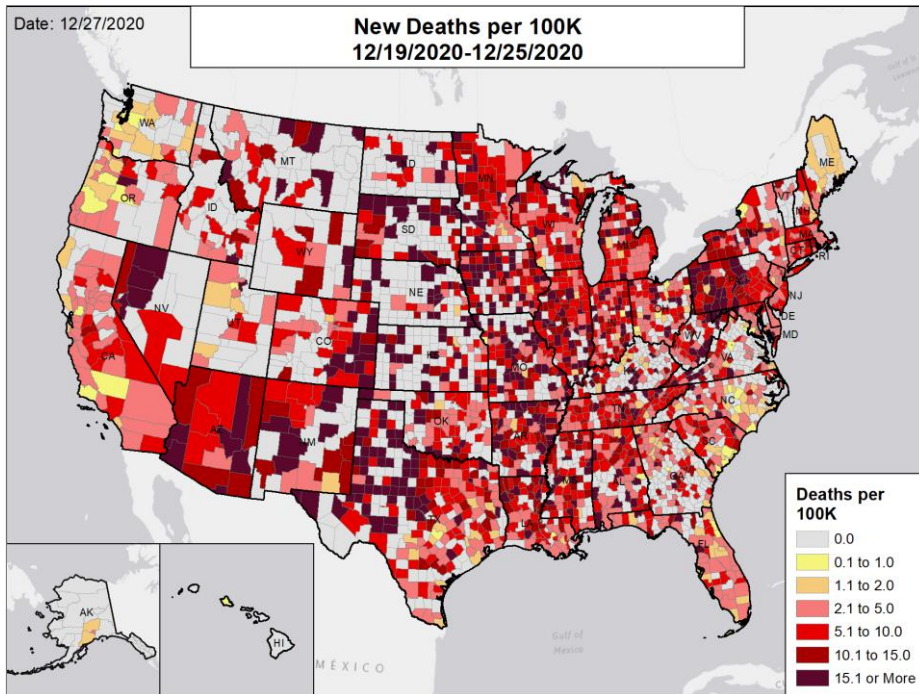
**Admissions:** Unified hospitalization dataset in HHS Protect through 12/25/2020. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the totals. Totals include confirmed and suspected COVID-19 admissions. The week one month before is 11/21 - 11/27; the week two months before is 10/24 - 10/30; the week three months before is 9/26 - 10/2.





# National Picture

## NEW DEATHS PER 100,000

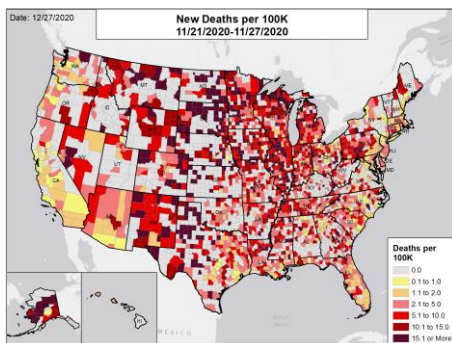


## NATIONAL RANKING OF NEW DEATHS PER 100,000

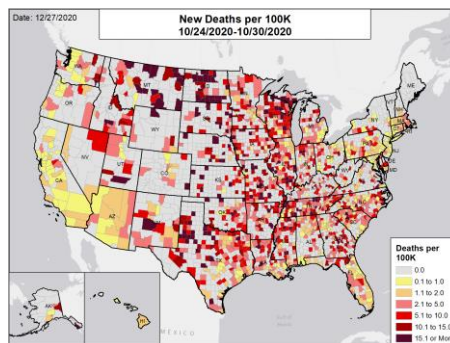
National Rank	State	National Rank	State
1	SD	27	MD
2	PA	28	NY
3	AR	29	TX
4	IA	30	NE
5	WV	31	ID
6	NM	32	SC
7	AZ	33	OH
8	AL	34	OK
9	NV	35	DC
10	IN	36	CA
11	IL	37	NH
12	RI	38	WY
13	MS	39	DE
14	TN	40	GA
15	MO	41	OR
16	WI	42	FL
17	LA	43	KY
18	CO	44	VA
19	CT	45	NC
20	MT	46	AK
21	MN	47	VT
22	KS	48	UT
23	MI	49	ME
24	NJ	50	WA
25	MA	51	HI
26	ND		

## NEW DEATHS PER 100,000 IN THE WEEK:

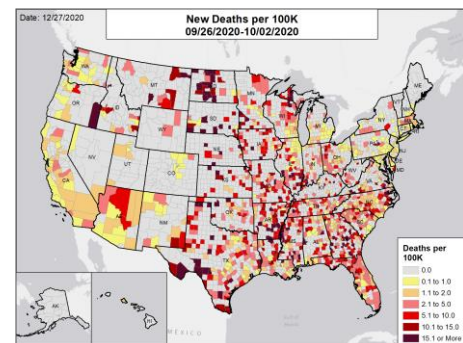
### ONE MONTH BEFORE



### TWO MONTHS BEFORE



### THREE MONTHS BEFORE



## DATA SOURCES

**Note:** Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

**Deaths:** State values are calculated by aggregating county-level data from a CDC managed aggregate county dataset that is compiled from state and local health departments; therefore, the values may not match those reported directly by the state.. The week one month before is 11/21 - 11/27; the week two months before is 10/24 - 10/30; the week three months before is 9/26 - 10/2.





# METHODS

## STATE REPORT | 12.27.2020

Metric	Dark Green	Light Green	Yellow	Orange	Light Red	Red	Dark Red	Darkest Red
New cases per 100,000 population per week	≤4	5 – 9	10 – 50	51 – 100	101 – 199	200 – 499	500 – 749	≥750
Percent change in new cases per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 99%	100% – 999%	≥1000%	
Diagnostic test result positivity rate	≤2.9%	3.0% – 4.9%	5.0% – 7.9%	8.0% – 10.0%	10.1% – 15.0%	15.1% – 20.0%	20.1% – 25.0%	≥25.1%
Change in test positivity	≤-2.1%	-2.0% – -0.6%	-0.5% – 0.0%	0.1% – 0.5%	0.6% – 2.0%		≥2.1%	
Total diagnostic tests resulted per 100,000 population per week	≥5000	3001 – 4999	2000 – 2999	1000 – 1999	500 – 999		≤499	
Percent change in tests per 100,000 population	≥26%	11% – 25%	1% – 10%	-10% – 0%	-25% – -11%		≤-26%	
COVID-19 deaths per 100,000 population per week	0.0		0.1 – 1.0	1.1 – 2.0	2.1 – 5.0	5.1 – 10.0	10.1 – 15.0	≥15.1
Percent change in deaths per 100,000 population	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 25%		≥26%	
Skilled Nursing Facilities with at least one resident COVID-19 case, death	0%		1% – 5%		≥6%			
Change in SNFs with at least one resident COVID-19 case, death	≤-2%		-1% – 1%		≥2%			
Total new COVID-19 hospital admissions per 100 beds	≤2	3 – 5	6 – 10	11 – 15	16 – 20	21 – 25	≥26	
Change in total new COVID-19 hospital admissions per 100 beds	≤-26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 25%		≥26%	
Percent of hospitals with supply/staff shortages	≤0%		1% – 9%	10% – 19%	20% – 24%	25% – 29%	≥30%	
Change in percent of hospitals with supply/staff shortages	≤-10%	-9% – -5%	-4% – 0%	1% – 4%	5% – 9%		≥10%	

- Some dates may have incomplete data due to delays and/or differences in state reporting. Data may be backfilled over time, resulting in week-to-week changes. It is critical that states provide as up-to-date data as possible. Figures and values may also differ from state reports due to differing methodologies.
- Color threshold values are rounded before color classification.
- Cases and Deaths:** County-level data from CDC managed aggregate county dataset as of 18:04 EST on 12/27/2020. State values are calculated by aggregating county-level data. Data are reviewed on a daily basis against internal and verified external sources and, if needed, adjusted.
- Testing:** The data presented represent viral COVID-19 laboratory diagnostic and screening test (reverse transcription polymerase chain reaction, RT-PCR) results—not individual people—and exclude antibody and antigen tests, unless stated otherwise. CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe county-level viral COVID-19 RT-PCR result totals when information is available on patients' county of residence or healthcare providers' practice location. HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) are used otherwise. Because the data are deidentified, total RT-PCR tests are the number of tests performed, not the number of individuals tested. RT-PCR test positivity rate is the number of positive tests divided by the number of tests performed and resulted. Last week data are from 12/17 to 12/23; previous week data are from 12/10 to 12/16; the week one month before data are from 11/19 to 11/25. HHS Protect data is recent as of 15:51 EST on 12/27/2020. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EST on 12/26/2020.
- Hospitalizations:** Unified hospitalization dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. The data presented represents raw data provided; we are working diligently with state liaisons to improve reporting consistency. Data is recent as of 15:57 EST on 12/27/2020.
- Hospital PPE:** Unified hospitalization dataset in HHS Protect. This figure may differ from state data due to differences in hospital lists and reporting between federal and state systems. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Data is recent as of 12:50 EST on 12/27/2020.
- Skilled Nursing Facilities:** National Healthcare Safety Network (NHSN). Data report resident and staff cases independently. Quality checks are performed on data submitted to the NHSN. Data that fail these quality checks or appear inconsistent with surveillance protocols may be excluded from analyses. Data presented in this report are more recent than data publicly posted by CMS. Last week is 12/14-12/20, previous week is 12/7-12/13.
- County and Metro Area Color Categorizations**
  - Red Zone:** Those core-based statistical areas (CBSAs) and counties that during the last week reported both new cases at or above 101 per 100,000 population, and a lab test positivity result at or above 10.1%.
  - Orange Zone:** Those CBSAs and counties that during the last week reported both new cases between 51–100 per 100,000 population, and a lab test positivity result between 8.0–10.0%, or one of those two conditions and one condition qualifying as being in the “Red Zone.”
  - Yellow Zone:** Those CBSAs and counties that during the last week reported both new cases between 10–50 per 100,000 population, and a lab test positivity result between 5.0–7.9%, or one of those two conditions and one condition qualifying as being in the “Orange Zone” or “Red Zone.”
- Shortages:** Unified hospital dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Includes hospitals reporting a staffing shortage currently or projected within one week. Low supply is defined as a hospital reporting 0 or 1-3 days' supply, not able to obtain, or not able to maintain a 3-day supply of N95s, face masks, gloves, gowns, or eye protection. Data is recent as of 12:50 EST on 12/27/2020.